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## II. AMENDMENTS TO THE CLAIMS

*Please amend the claims as follows:*

1. (Currently Amended) A system for detecting fraudulent transactions, comprising:
  - an interface for inputting transaction data and outputting analysis results; and
  - a tamper-resistant secure data processing unit (SDPU), wherein the SDPU includes:
    - a security system that can restrict access to data and program execution;
    - an analysis system for analyzing inputted transactions;
    - a plurality of surveillance algorithms stored in an encrypted database wherein the plurality of surveillance algorithms make a determination regarding a probability that inputted transactions are fraudulent; and
    - a selection program for selecting at each of a sequence of random times a different surveillance algorithm to be used by the analysis system.
2. (Original) The system of claim 1, wherein the SDPU further includes an algorithm performance system that assists the selection program in selecting surveillance algorithms.
3. (Previously Presented) The system of claim 1, wherein the selection program includes a random selection program for selecting surveillance algorithms.
4. (Canceled)
5. (Original) The system of claim 1, wherein the security system includes an encryption system for encrypting and decrypting data.